Patent Application Serial No.: 10/643,831
Amendment and Response to Office Action mailed March 14, 2005
Page 2

## AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application.

## LISTING OF CLAIMS:

1. (currently amended) A sabot, comprising:

a compression section defining a payload receiving chamber at a forward end of the sabot for receiving a slug therein, the compression section including a plurality of fins defined by a combination of alternating internal and external ridges on an interior and an exterior surface thereof; and

a solid section extending rearwardly from the compression section;

wherein said the compression section is adapted to at least partially collapse upon firing while remaining substantially intact to produce a volume change.

- 2. (previously presented) The sabot of claim 1, wherein the compression section further includes a locking ring mounted within the payload receiving chamber for engaging the slug.
- 3. (original) The sabot of claim 1, wherein the payload receiving chamber further includes a post.
- 4. (original) The sabbt of claim 1, wherein the solid section includes a powder cup section formed opposite the compression section.
  - 5. (canceled)
- 6. (original) The sabot of claim 1, wherein the sabot comprises a high density polyethylene.

PAGE 3/10 \* RCVD AT 5/26/2005 2:58:40 PM [Eastern Daylight Time] \* SVR:USPTO-EFXRF-1/0 \* DNIS:8729306 \* CSID: \* DURATION (mm-ss):03-02

Patent Application Serial No.: 10/643,881
Amendment and Response to Office Action mailed March 14, 2005
Page 3

- 7. (original) The sabot of claim 1, wherein the sabot is axisymmetric.
- 8. (currently amended) A firearm round, comprising:
- a sabot including a compression section defining a payload receiving chamber therein and a solid section connected to the compression section, said compression section including a plurality of fins defined by a combination of alternating internal and external ridges on an interior and an exterior surface thereof; and

a slug received and fixed within the payload receiving chamber of the sabot;

wherein said the compression section is adapted to at least partially collapse upon firing to produce a volume change.

- 9. (original) The firearm round of claim 8, wherein the slug comprises a nose, a driving band adjacent the nose and a stem connected to the driving band.
- 10. (original) The firearm round of claim 9, wherein the nose of the slug includes a nose cavity.
- 11. (original) The firearm round of claim 9, wherein the stem of the slug includes a post cavity.
- 12. (original) The firearm round of claim 11, wherein the payload receiving chamber of the sabot includes a post fitted within the post cavity of the slug.
- 13. (original) The firearm round of claim 9, wherein the driving band includes a length less than about 25% of the overall diameter of the firearm round.
- 14. (original) The firearm round of claim 9, wherein the stem has a diameter less than a diameter of the driving band.

PAGE 4/10 \* RCVD AT 5/26/2005 2:58:40 PM [Eastern Daylight Time] \* SVR:USPTO-EFXRF-1/0 \* DNIS:8729306 \* CSID: \* DURATION (mm-ss):03-02

Patent Application Scrial No.: 10/643,811
Amendment and Response to Office Action mailed March 14, 2005
Page 4

- 15. (original) The firearm round of claim 8, wherein the slug comprises at least about 95% by weight lead.
- 16. (original) The finearm round of claim 15, wherein the slug further comprises antimony.
  - 17. (original) The firearm round of claim 8, wherein the slug is plated or jacketed.
- 18. (original) The firearm round of claim 8, wherein the sabot comprises a high density polyethylene.
- 19. (original) The firearm round of claim 8, wherein the compression section of the sabot further comprises a locking ring mounted within the payload receiving chamber so as to engage the slug.
- 20. (original) The firearm round of claim 8, wherein the solid section of the sabot includes a powder cup.
  - 21. (canceled)
  - 22. (currently amended) A sabot, comprising:
- a compression section defining a payload receiving chamber therein, said compression section including a plurality of fins defined by a combination of alternating internal and external ridges on an interior surface and exterior surface thereof:
  - a post integrally formed within the payload receiving chamber;
  - a locking ring residing within the payload receiving chamber; and
  - a solid section connected to the compression section;

wherein said compression section is adapted to at least partially collapse upon firing, while remaining substantially intact, to produce a volume change.

PAGE 5/10 \* RCVD AT 5/26/2005 2:58:40 PM [Eastern Daylight Time] \* SVR:USPTO-EFXRF-1/0 \* DNIS:8729306 \* CSID: \* DURATION (mm-ss):03-02

Patent Application Serial No.: 10/643,881

Amendment and Response to Office Action mailed March 14, 2005

Page 5

- 23. (original) The sabot of claim 22, wherein the solid section includes a powder cup section.
  - 24. (canceled)
- 25. (previously presented) The sabot of claim 22, wherein the sabot comprises a high-density polyethylene, low-density polyethylene, linear, high-density polyethylene, and combinations thereof.
- 26. (original) The sabot of claim 22, and further comprising a projectile received within the payload receiving chamber and extending forwardly from the compression section.
  - 27. (currently amended) A firearm round, comprising:

a sabot including a compression section defining a payload receiving chamber therein, said compression section including a plurality of fins defined by a combination of alternating internal and external ridges on an interior and exterior surface thereof, a post integrally formed within the payload receiving chamber and a solid section projecting rearwardly from the compression section;

a slug fitted to the post of the sabot;

wherein said compression section is adapted to at least partially annularly collapse upon firing to produce a volume change.

- 28. (original) The firearm round of claim 27, wherein the slug comprises a stem defining a chamber adapted to receive the post of the sabot.
- 29. (original) The firearm round of claim 27, wherein the slug projects forwardly from the compression section of the sabot.

PAGE 6/10 \* RCVD AT 5/26/2005 2:58:40 PM [Eastern Daylight Time] \* SVR:USPTO-EFXRF-1/0 \* DNIS:8729306 \* CSID: \* DURATION (mm-ss):03-02

Patent Application Serial No.: 10/643,831

Amendment and Response to Office Action mailed March 14, 2005

Page 6

- 30. (original) The firearm round of claim 27, wherein the post substantially fills the payload receiving chamber.
- 31. (original) The firearm round of claim 27, wherein the slug comprises at least about 95% by weight lead.

PAGE 7/10 \* RCVD AT 5/26/2005 2:58:40 PM [Eastern Daylight Time] \* SVR:USPTO-EFXRF-1/0 \* DNIS:8729306 \* CSID: \* DURATION (mm-ss):03-02